

Fig. 1

Fig. 2

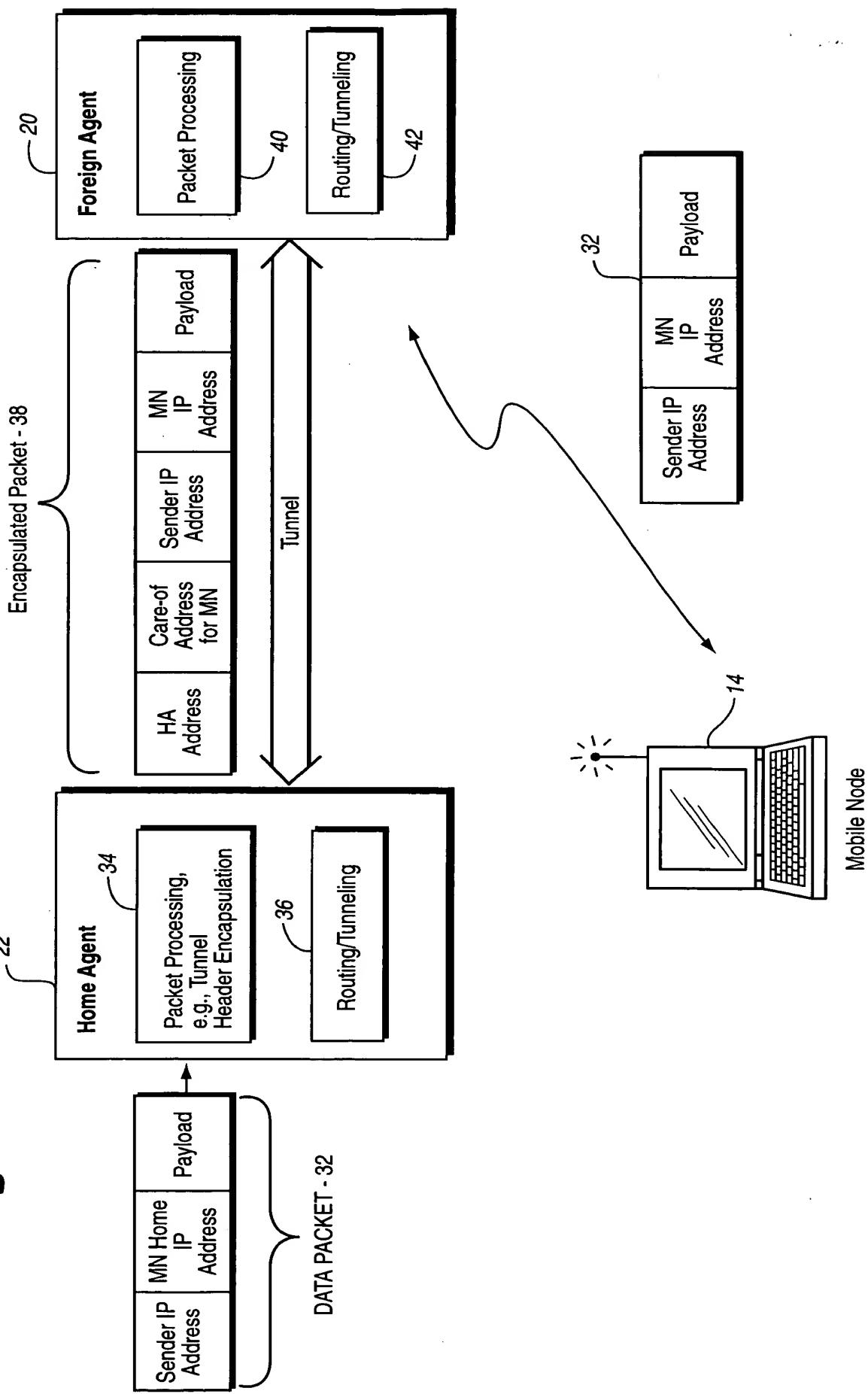
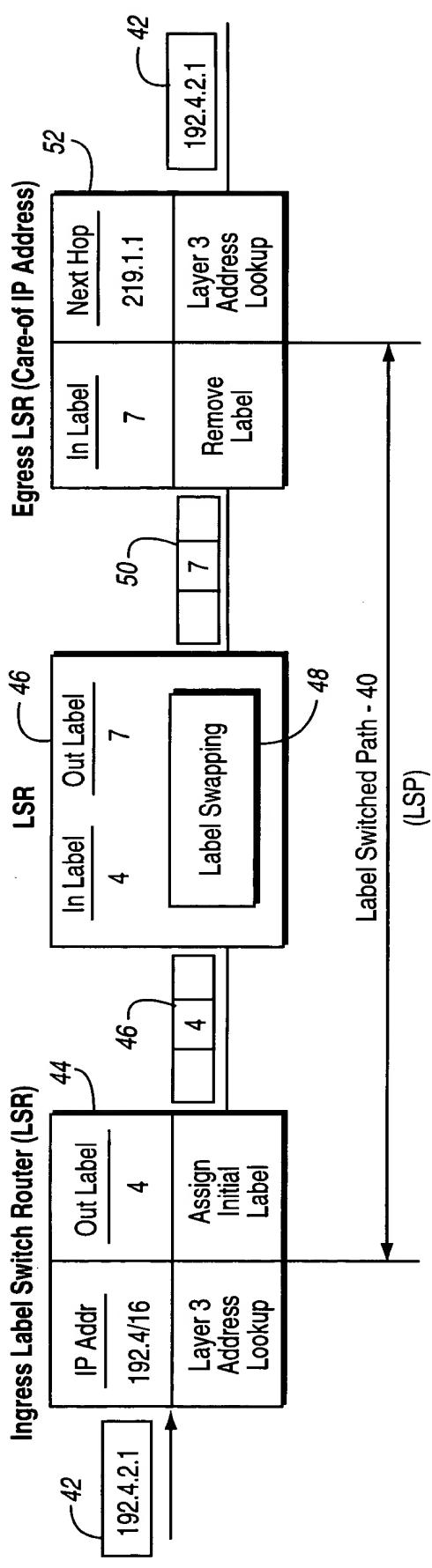


Fig.3



MOBILE IP Over MPLS Tunnel

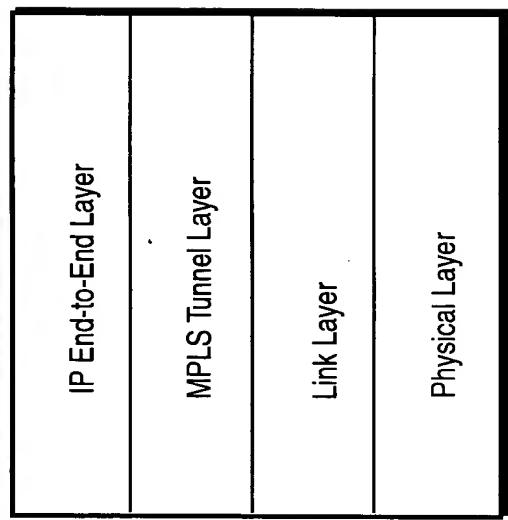


Fig.4

Fig. 5

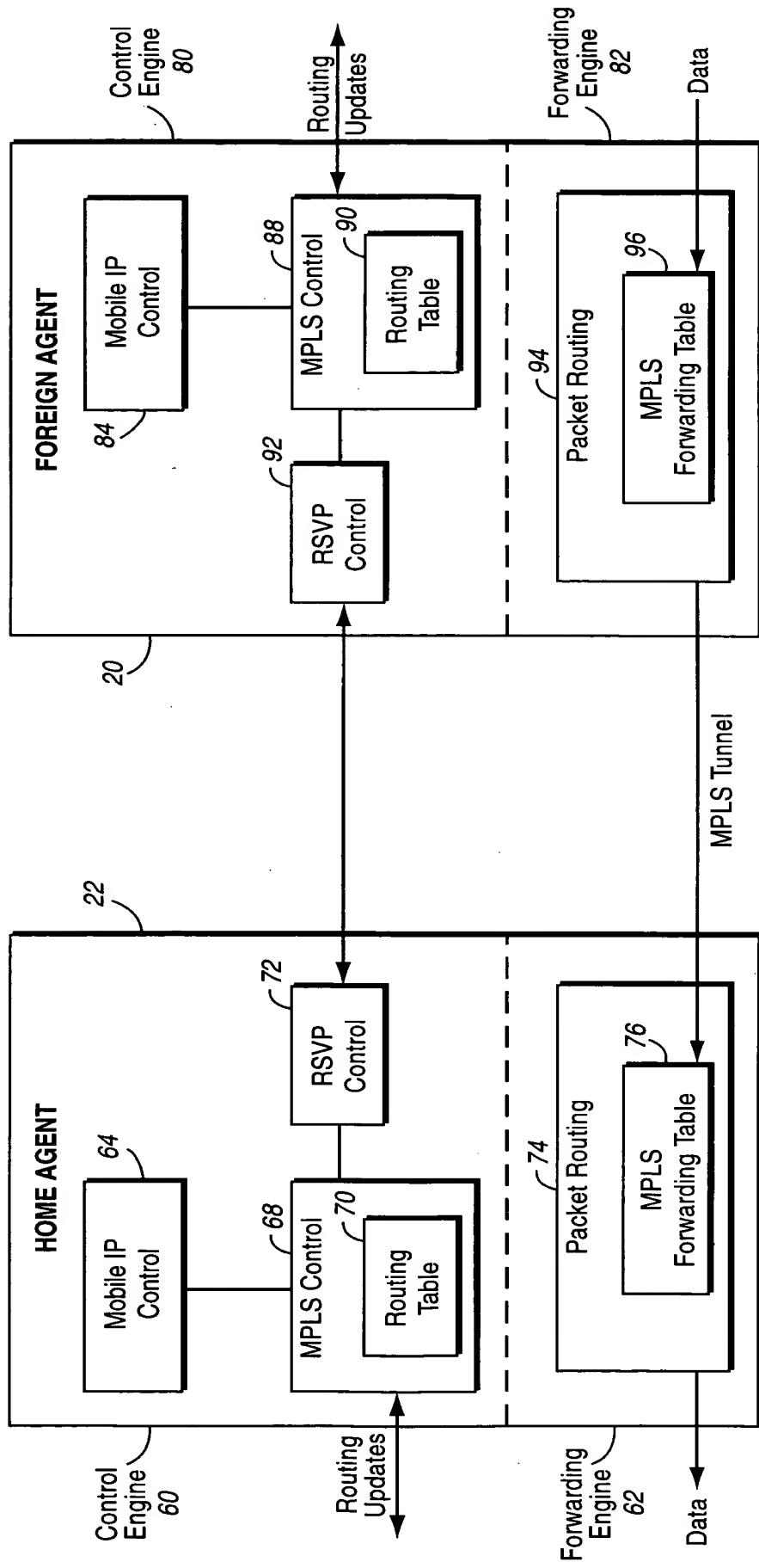


Fig. 6A

MPLS FORWARDING TABLE			
In Interface	In Label	Out Interface	Out Label
•	•	•	•
•	•	•	•
3	4	5	7
•	•	•	•

Fig. 6B

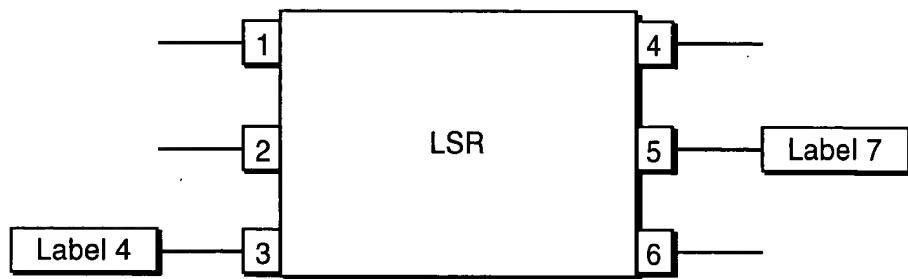
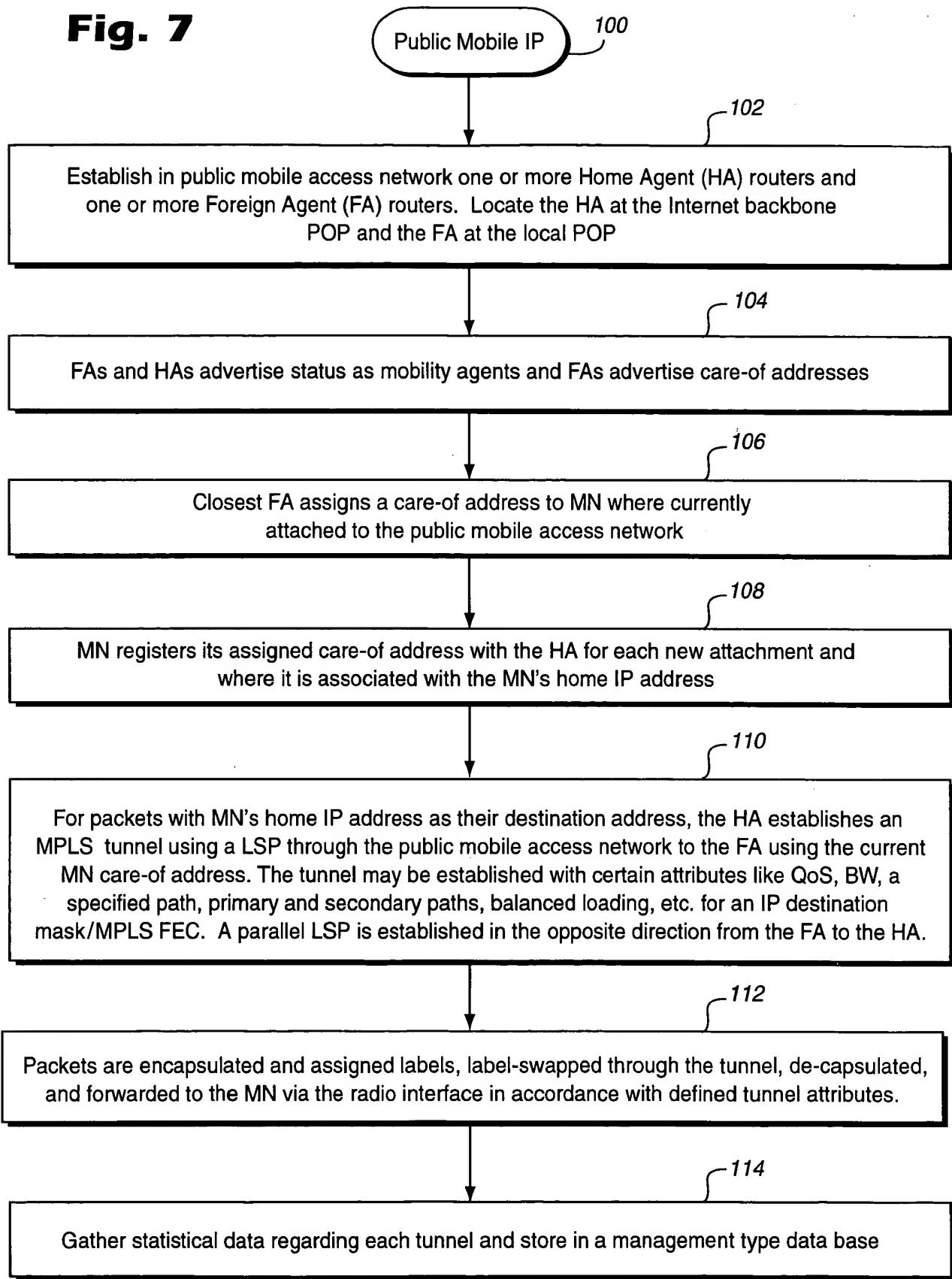


Fig. 7



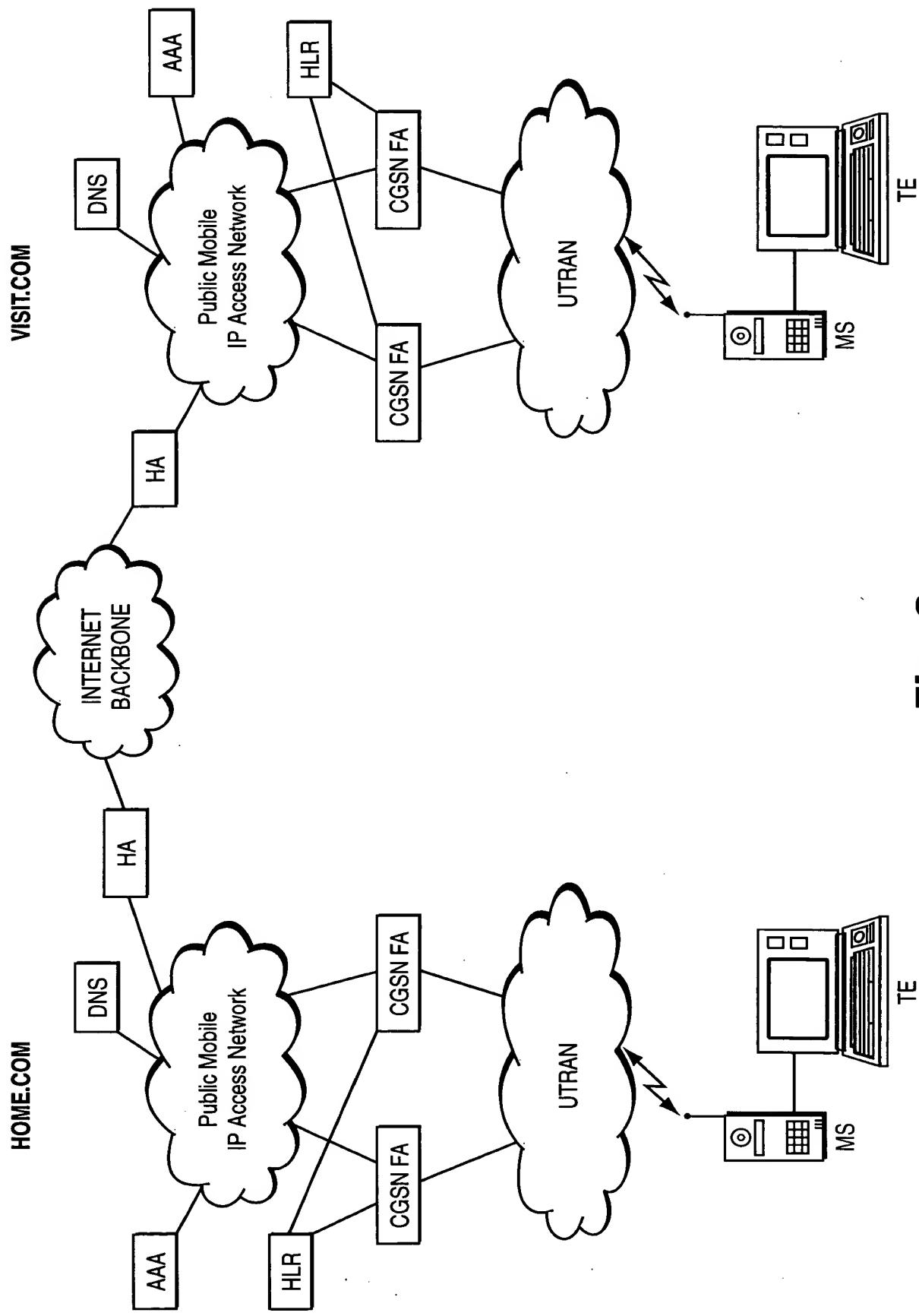
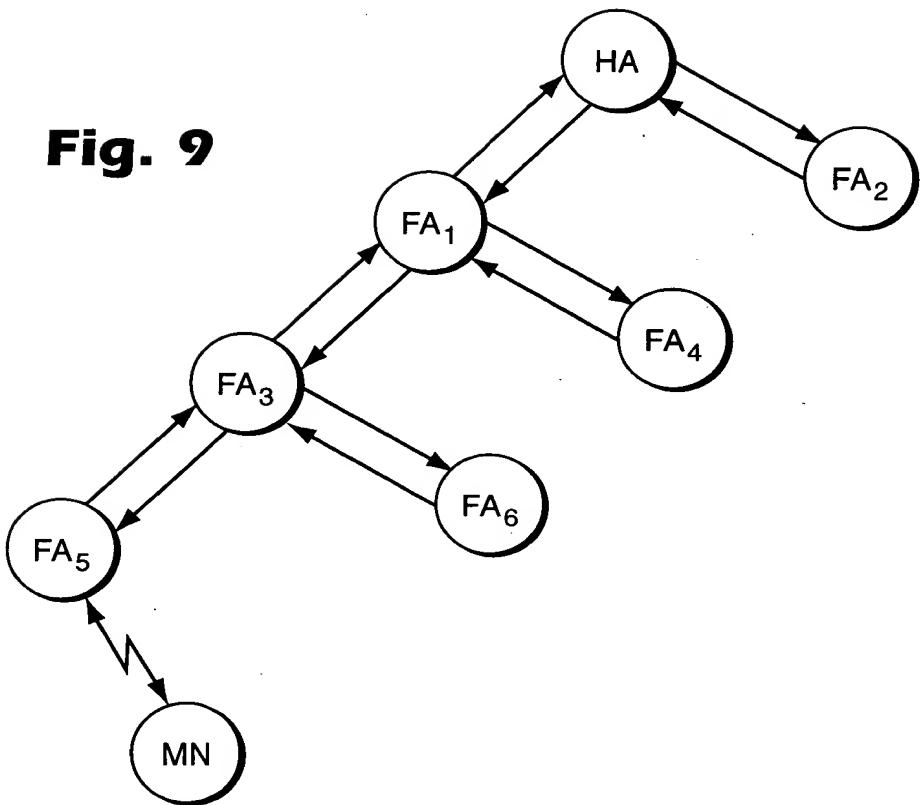


Fig. 8

Fig. 9



TUNNEL REGIONALIZATION

Merge label switched paths from plural regional foreign agents (FAs) in the upstream direction towards the home agent (HA)

HA encapsulates the label associated with local FA (e.g., FAs) into an additional set of labels associated with regional FAs (e.g., FA₁ - FA₆). The downstream label switched paths to FA₁ - FA₆ are therefore aggregated in a tree type hierarchy rather than using parallel paths/tunnels.

Fig. 10

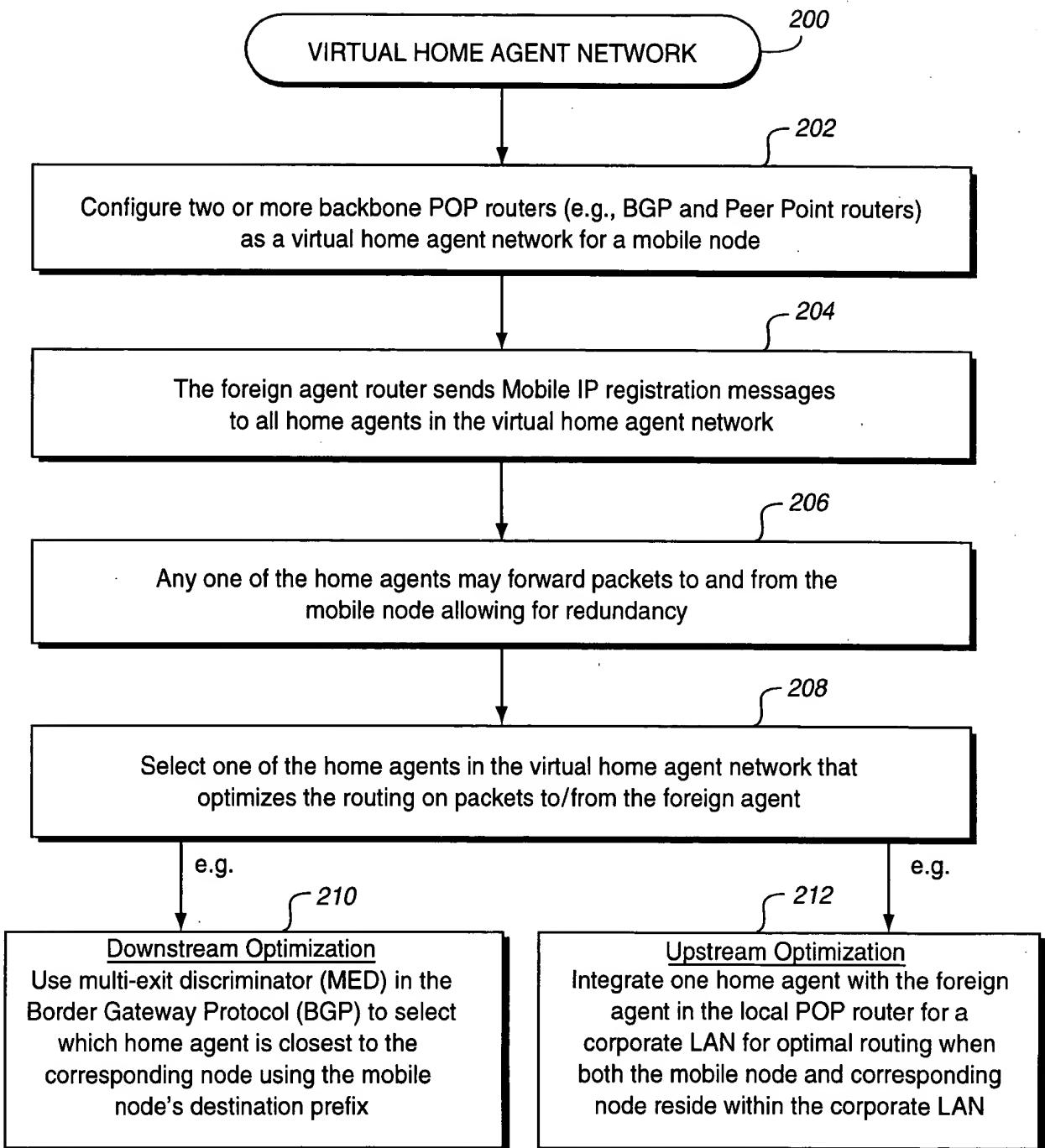


Fig. 11

DYNAMIC HOME AGENT

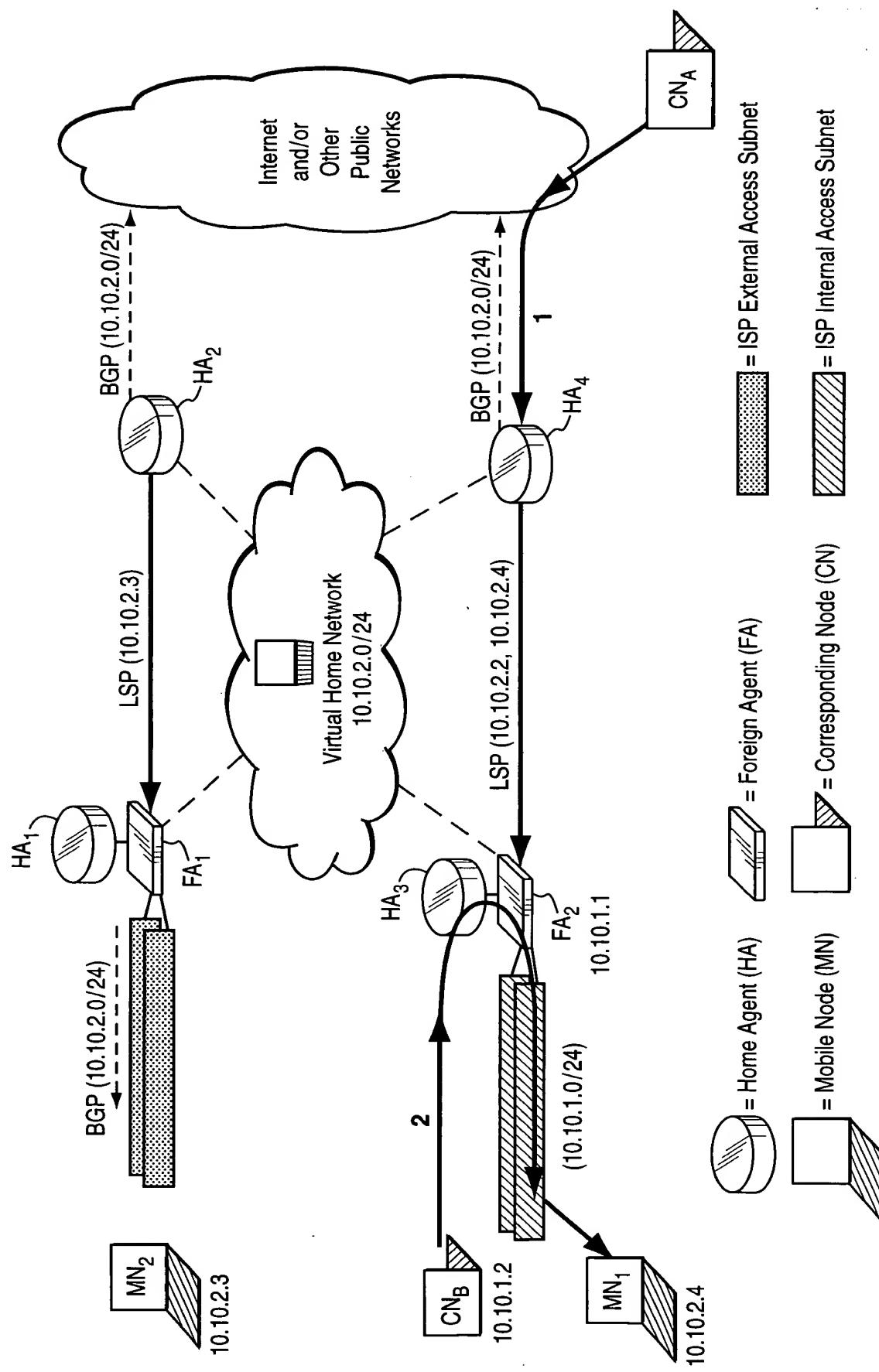


Fig. 12

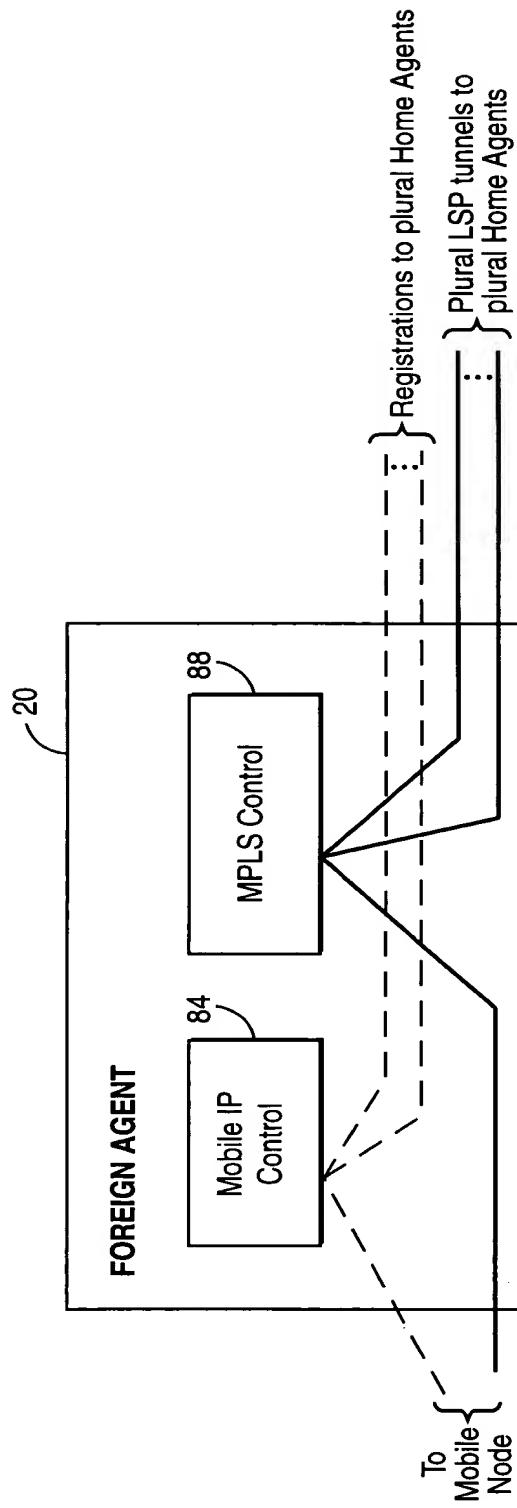


Fig. 13

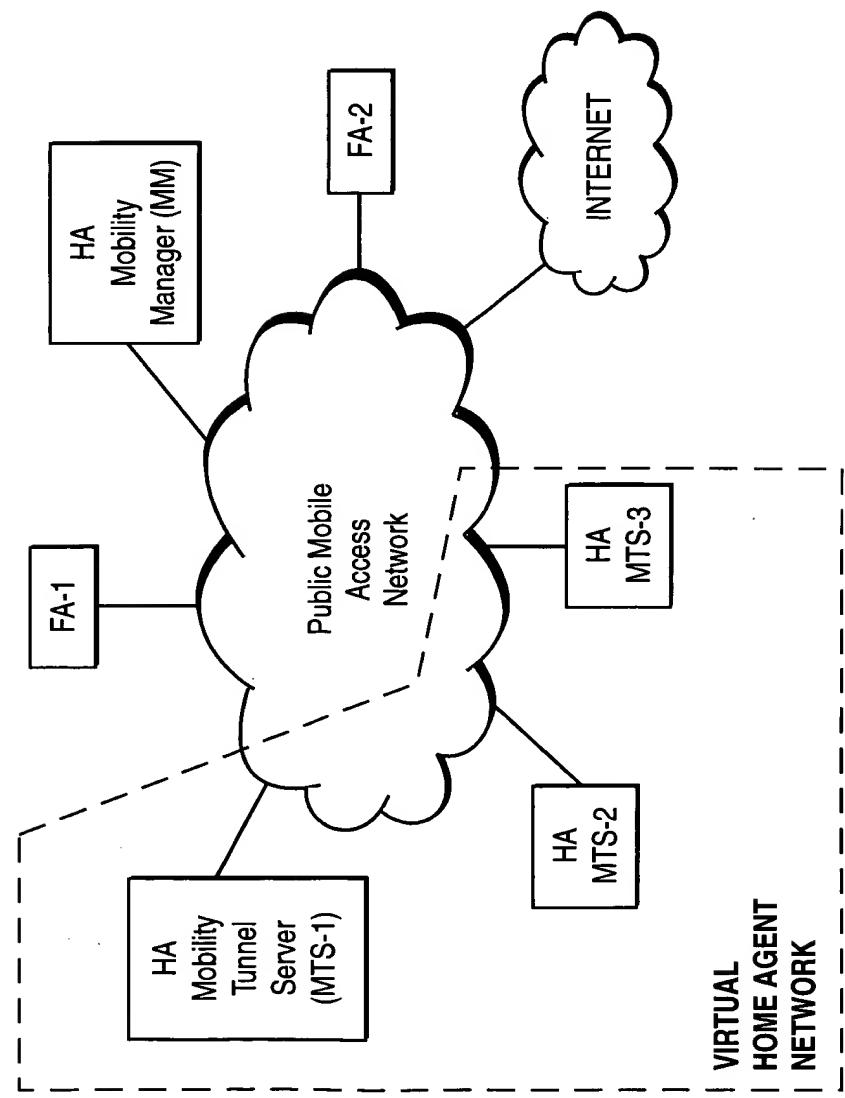


Fig. 14A

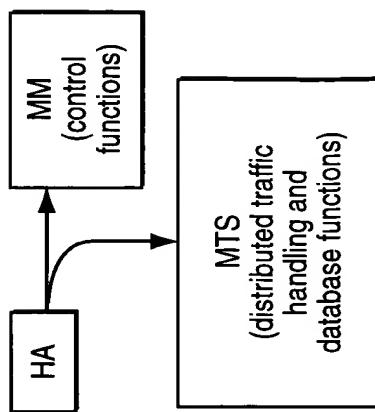


Fig. 14B